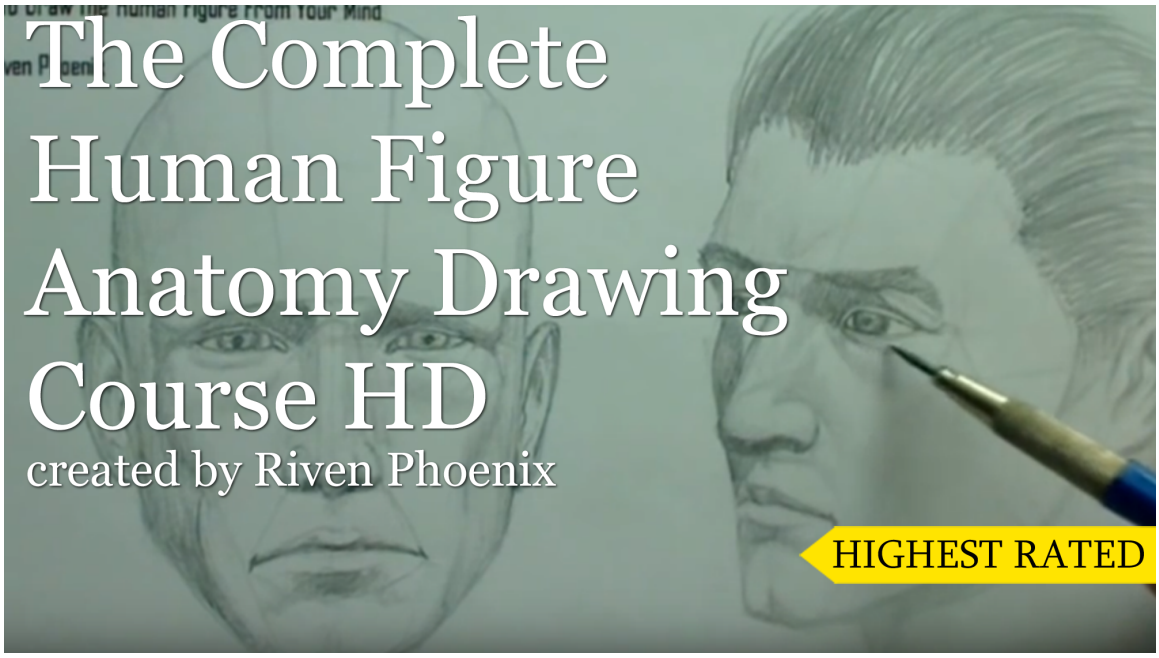

The Structure of Man

Learn to Draw the Human Figure From Your Mind with Riven Phoenix

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Figure Drawing Lesson 163 - The Muscles of the Hand - Part 8

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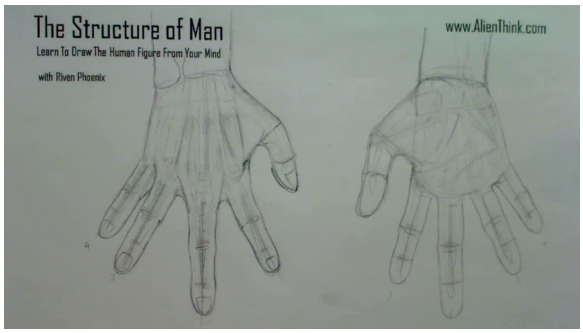
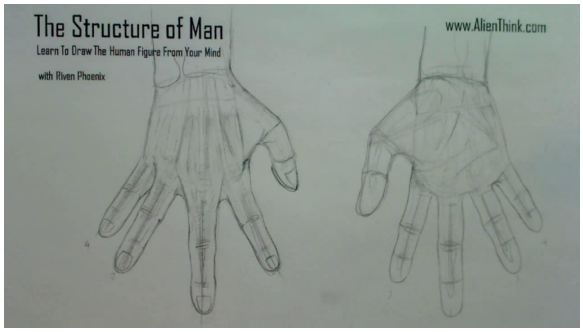
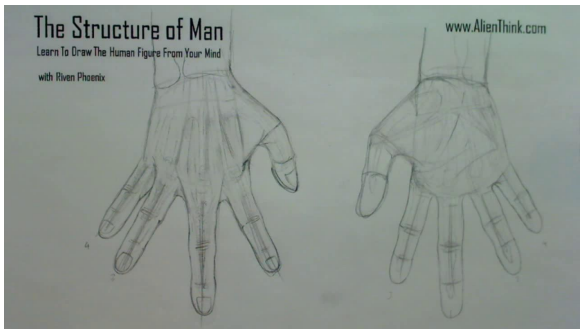
1		Hey guys, my name is Riven Phoenix and welcome to the structure of man Lentrodraw, the human
2		figure, or from your mind training course.
3		Okay, so now that we have really gotten to this point in understanding what's going on
4		with the hand and how to develop the hand, we can now also come up with a much more simpler

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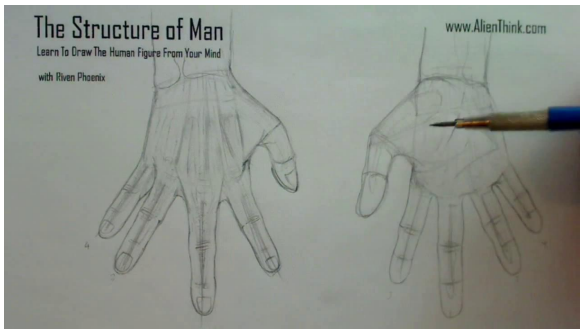
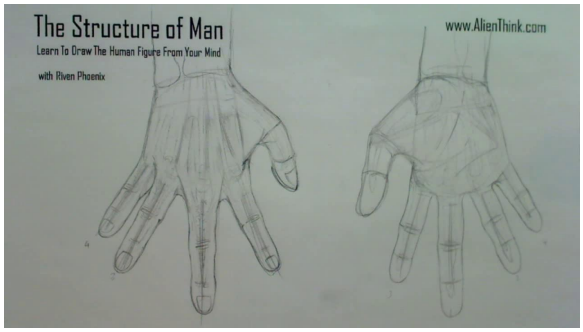
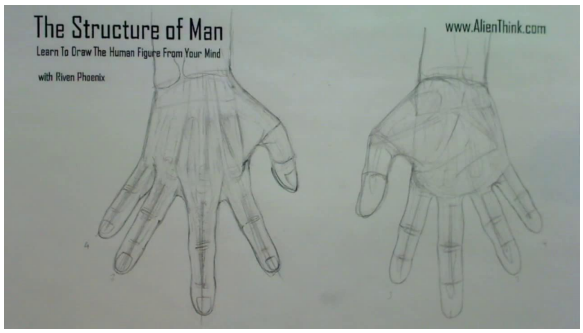
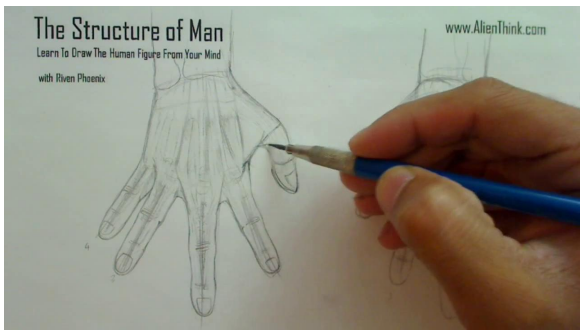
5		understanding of how to put the conceptual concept together where we can draw out the
6		hand very easily, right?
7		So for this, what we need to do is just examine some of the features of the hand and start
8		to make some very basic decisions to how things are going to start to look.

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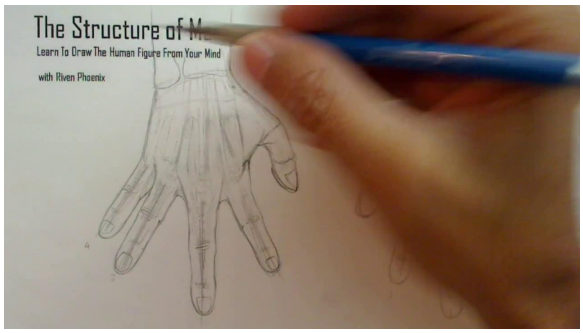
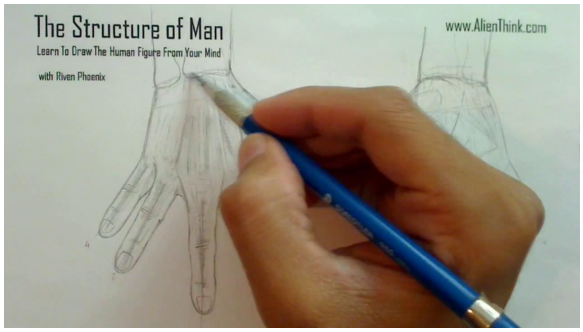
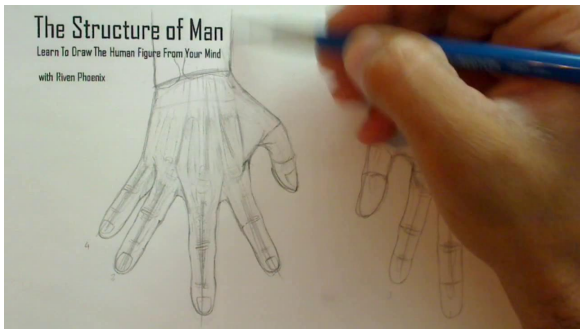
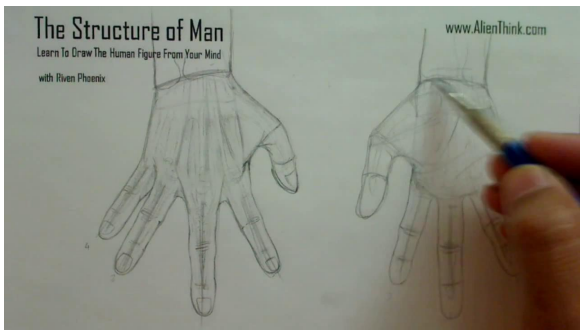
9		So here, where the ulna and the radius are over here on top, what we're going to do is
10		just basically draw a line out like this over here first, separating them over here
11		and this would be really just our, the idea for the mannequin system, right?
12		So over here, I'm just going to separate this.

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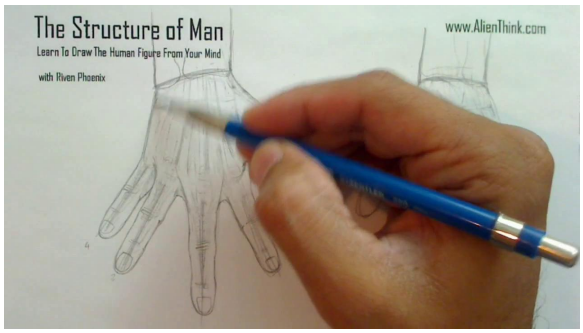
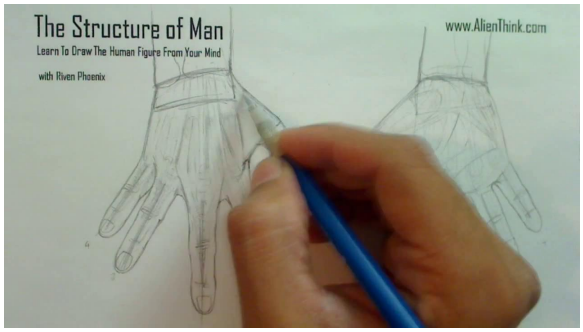
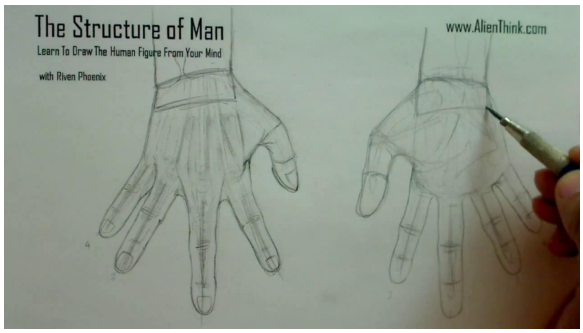
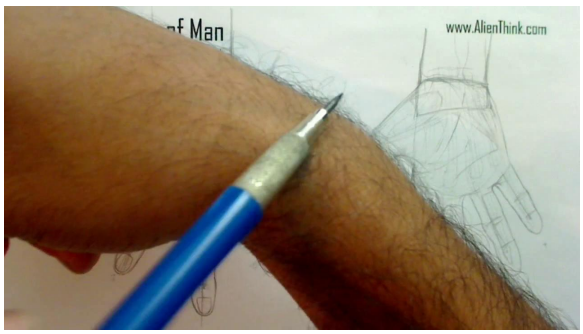
13		So the other thing is that over here, I'm also seeing that over here, I can make an idea
14		here for the area for the wrist over here too, right?
15		So what this means is that we can just go up and down over here, meaning that this is
16		really the end of the bones and this is the wrist that allows us to really bend the hand.

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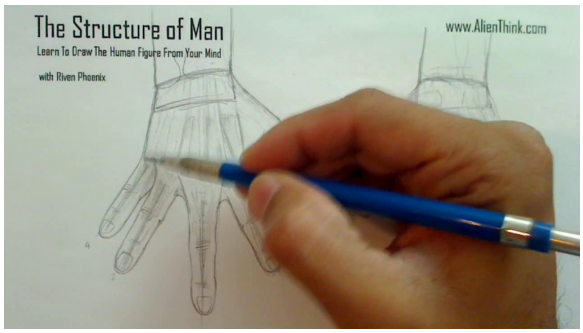
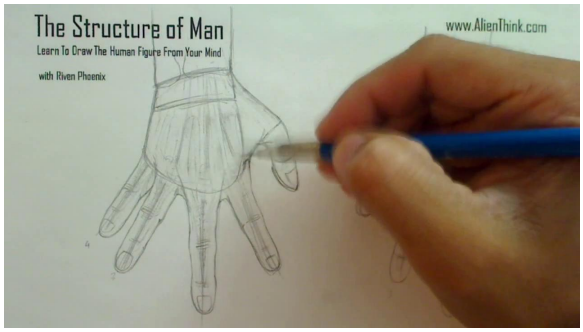
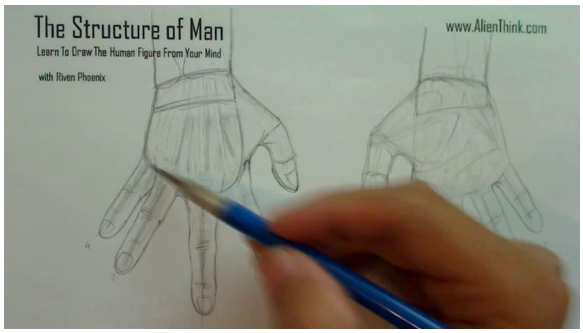
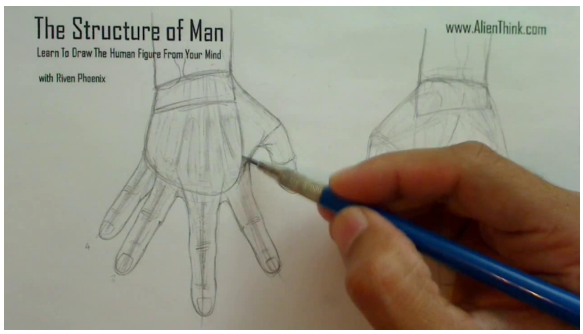
17		And from here, we can just say that, okay, well, from here, at least take a look at this
18		idea that you get almost like this oval shape over here.
19		And you know, it's going to go a little bit on the angle over there.
20		And from this oval shape, we can say that, okay, well, we also see this triangular shape

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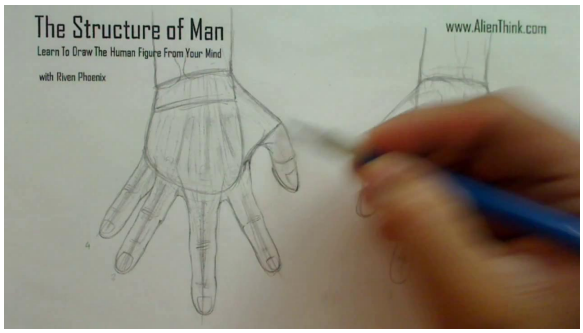
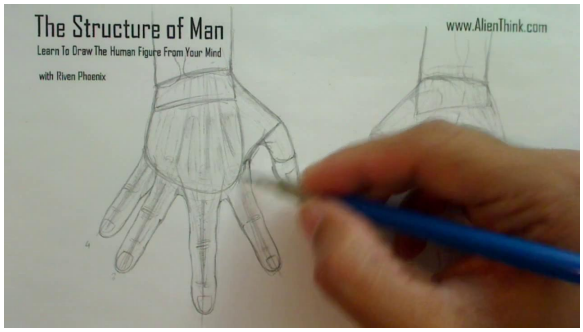
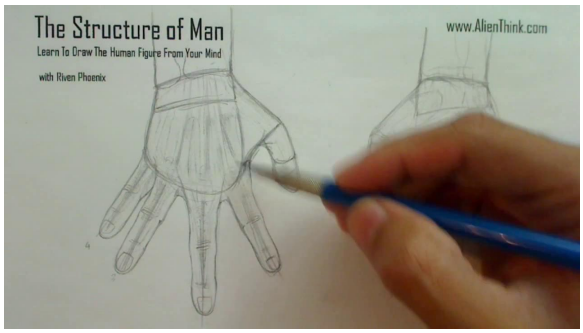
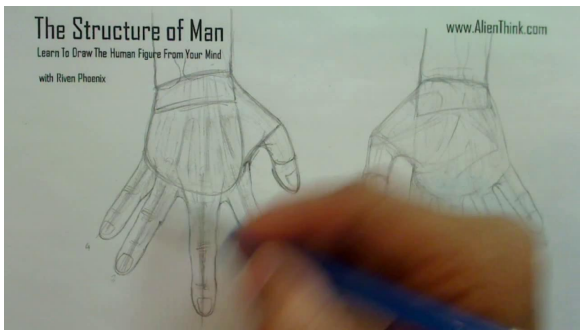
21		over here and from within this, we can pick out two cylindrical shapes that come out for
22		the hand, right?
23		It just makes our understanding of the hand much more easier.
24		And from here, I can just simply do like a gesture system to be able to put the hand together.

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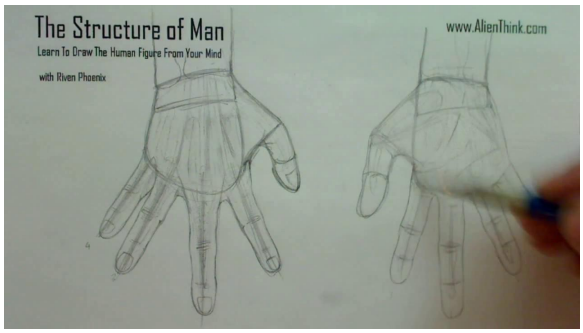
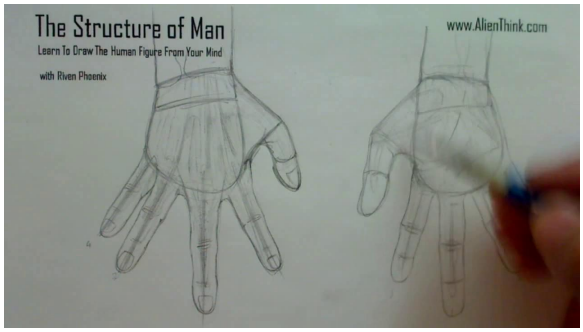
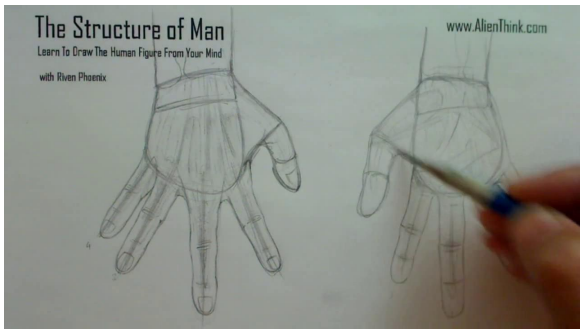
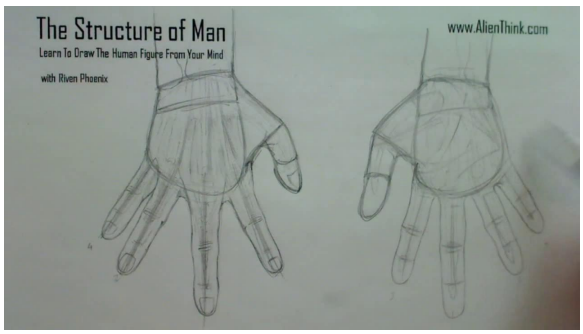
25		And here we have pretty much the same concept over here that we just get this oval shape
26		over here.
27		And from within it, we can turn out these very simple basic shapes over here, just like
28		this, right?

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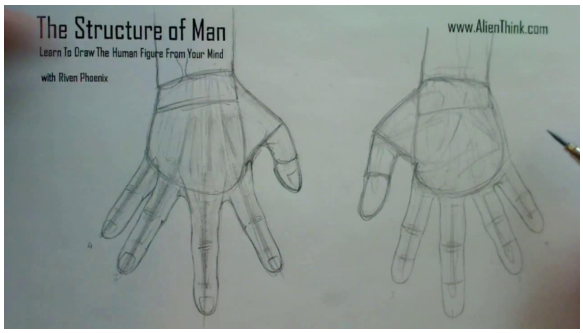
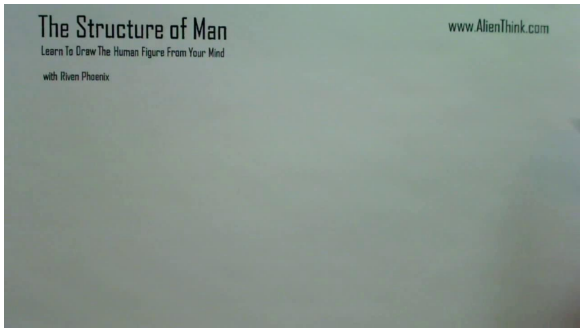
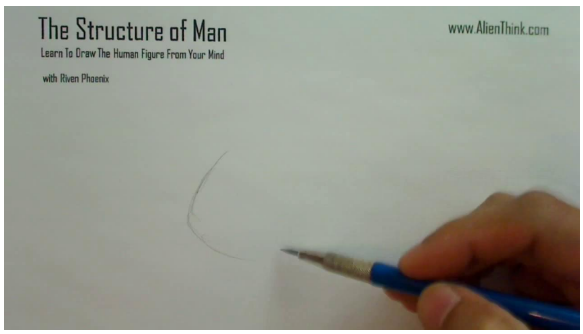
29		So what does this mean in terms of drawing out the hand?
30		Well, it means is that, okay, well, if let's say we come up with an idea for a hand over
31		here.
32		Let's say that I'm going to have the wrist going in this direction over here for the

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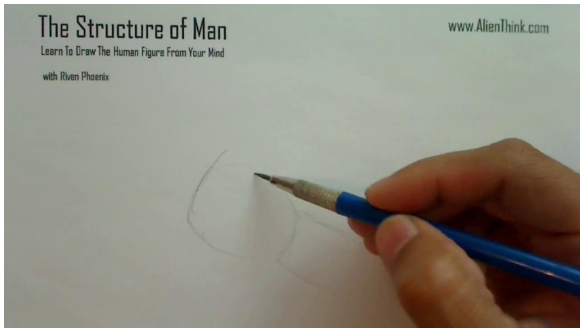
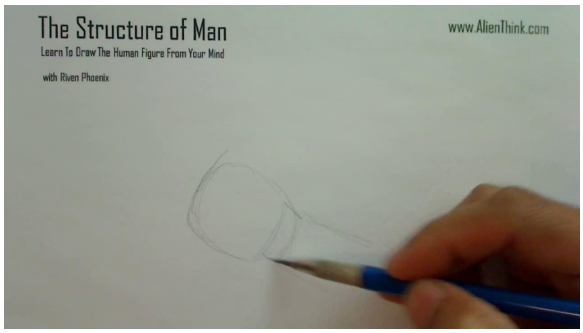
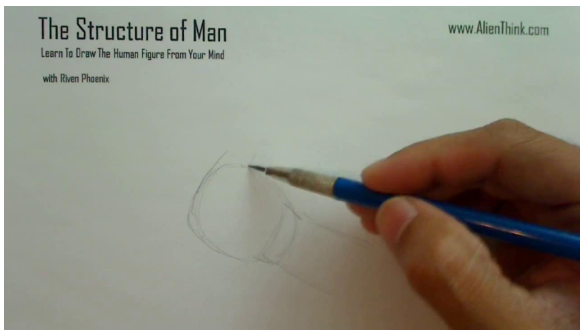
33		mannequin, right?
34		And then we just basically need to come up with the idea for the palm and knowing that
35		right, the wrist is basically just going to be here.
36		And this just automatically tells me that, okay, right, don't forget about the thumb.

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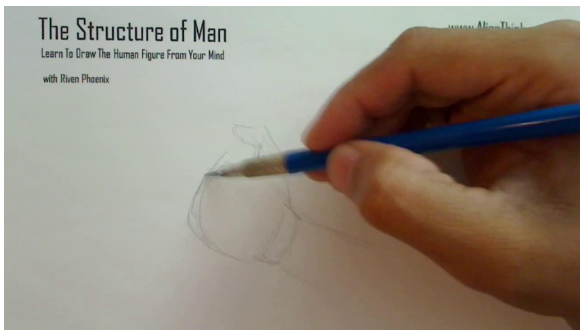
37		And then over here, we can just simply start to create an idea here for the thumb and
38		really be done with it, right?
39		And then from here, you already know that right is going to go in a little bit anyways.
40		You know that the middle of this over here is really going to do the middle finger.

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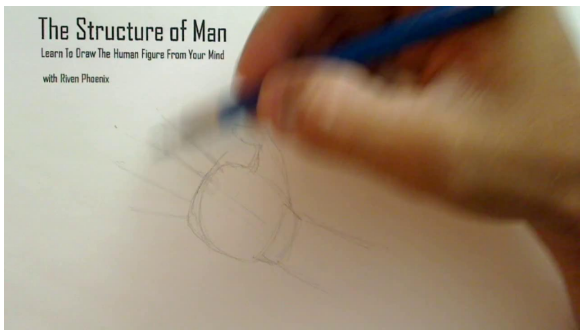
41		So here we can just draw out very simply some ideas here, right?
42		Knowing the ratios is going to be one and then this is going to be two and this is going
43		to be three, right?
44		It's going to be one, two, three, four, right?

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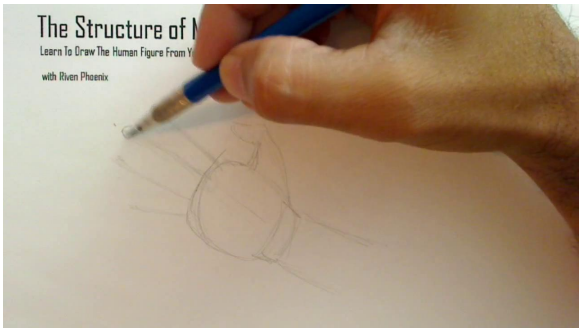
45		Because this is the longer one over here.
46		And that's it.
47		And we just simply can put the fingers down over here like this and all we have to do is
48		later on just take a look at the surface anatomy from our studies that we did and be done

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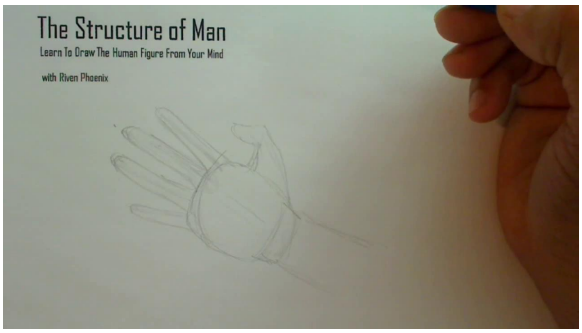
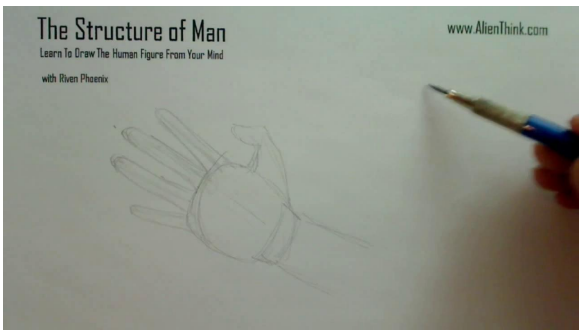
49		with it, right?
50		So here, of course, we can just simply put the hand down like this, right?
51		It's that simple to draw out the hand.
52		So if I'm drawing out, let's say, our hand, let's say if our mannequin system came from

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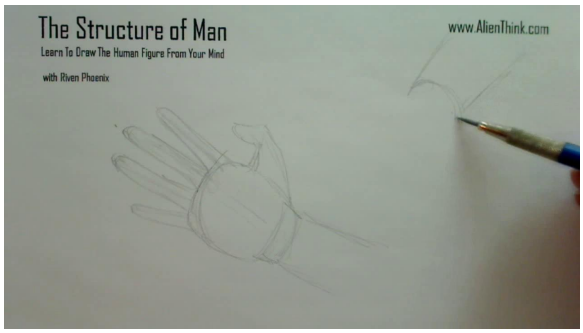
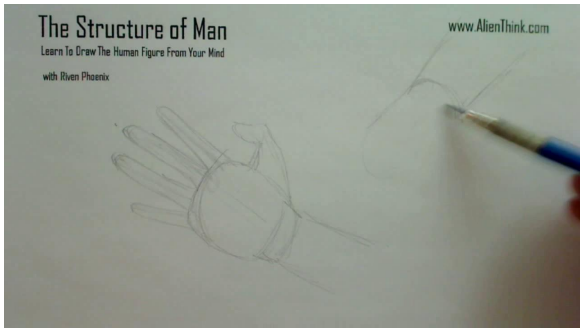
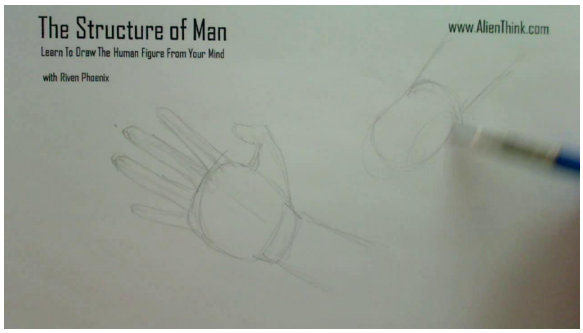
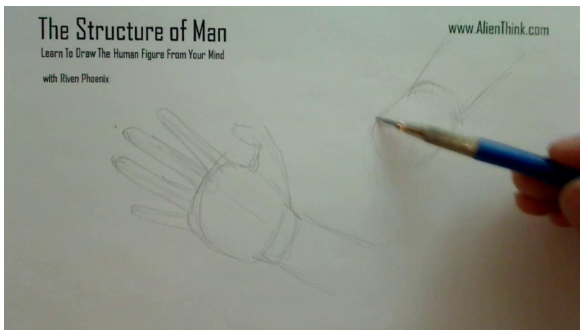
53		up here and then we were like, okay, well, what I want to do is now draw out a hand
54		I can simply think of this more along the lines of a basic shape like this that goes like
55		this, right?
56		It's just going to be divided in half.

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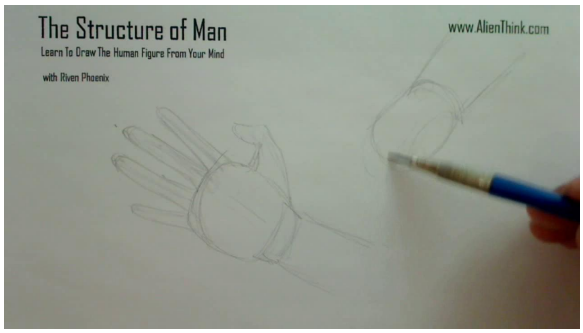
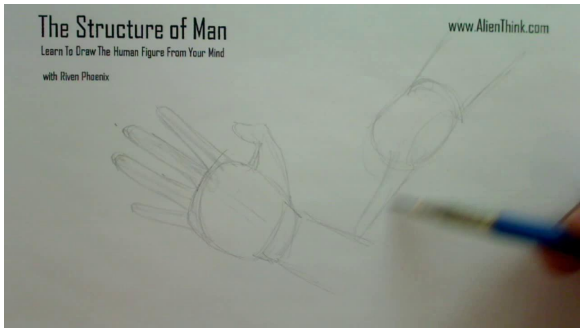
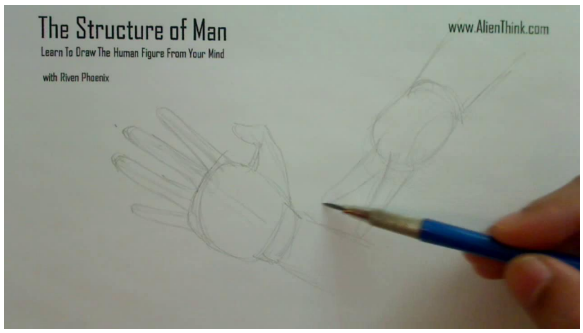
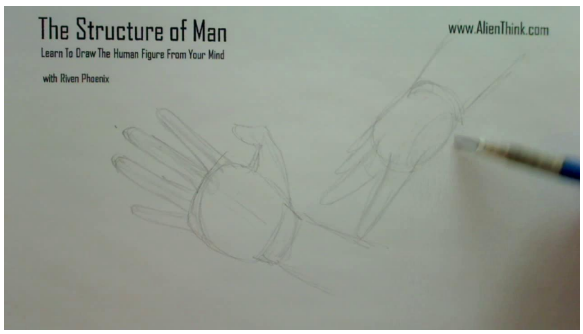
57		And then from here, we can just pick out.
58		We can just start to think about, okay, well, I'm going to get my index finger over here.
59		I'm going to get my middle finger, the other finger and my small finger, right?
60		To just put those ideas down and then you can say, okay, well, how do I want my thumb

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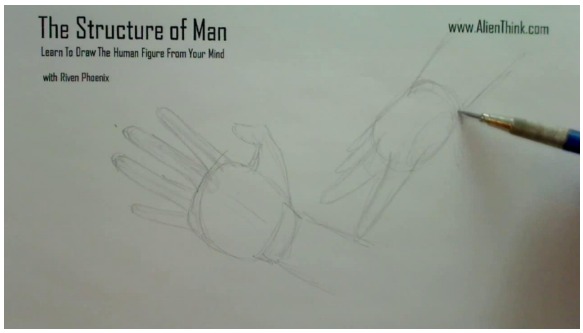
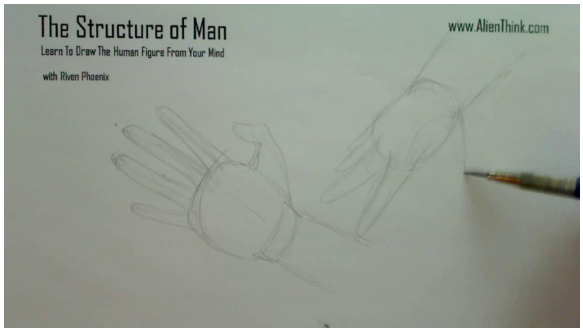
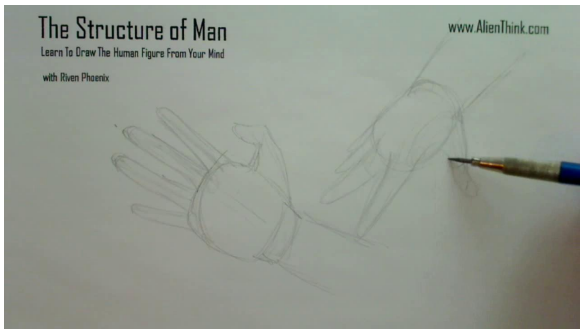
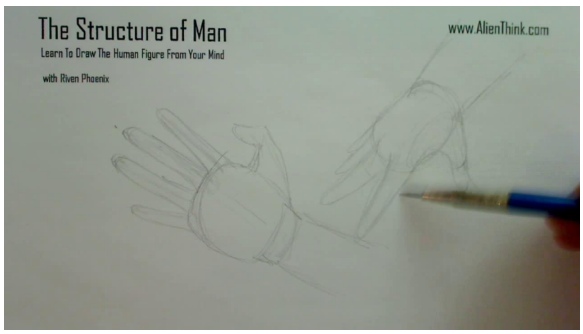
61		to go?
62		Well, just go like this over here and then you know that it's just going to be like this,
63		right?
64		So it allows us to draw out the hands very rapidly over here, the system that I'm showing

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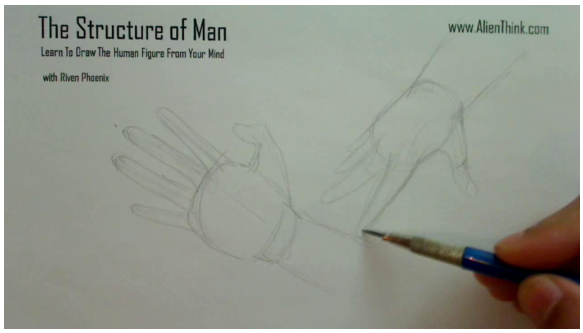
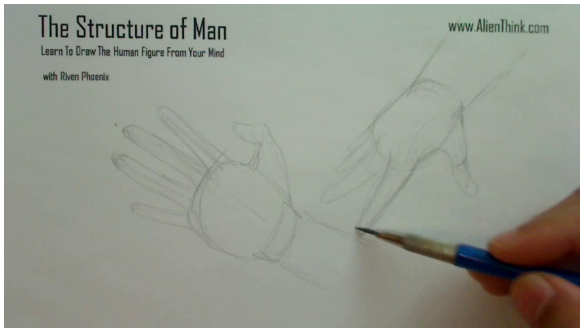
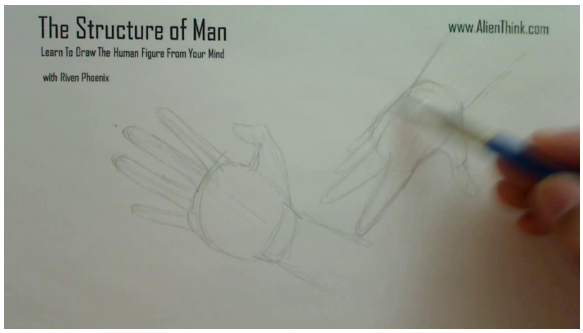
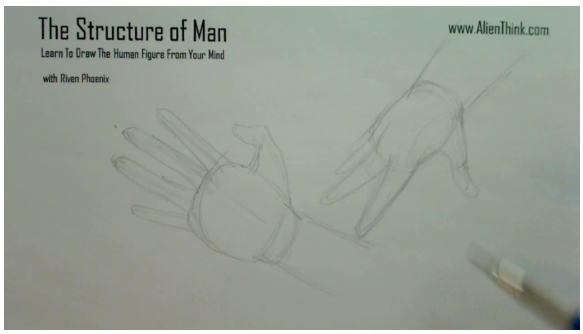
65		you here, right?
66		You just first draw it out like this.
67		There's really nothing to this than what I'm showing you, right?
68		So let's say another, well, let's actually just work on this for now.

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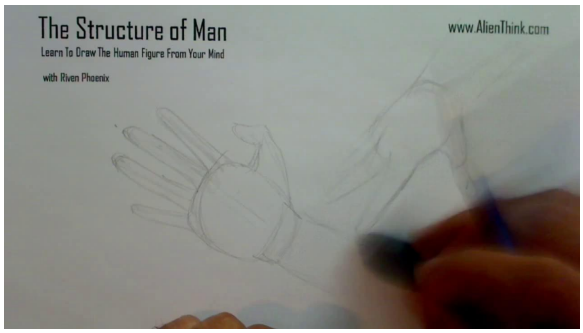
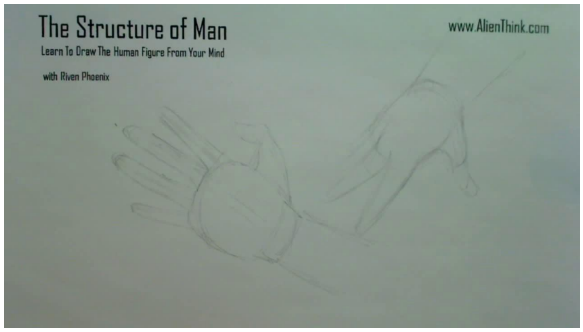
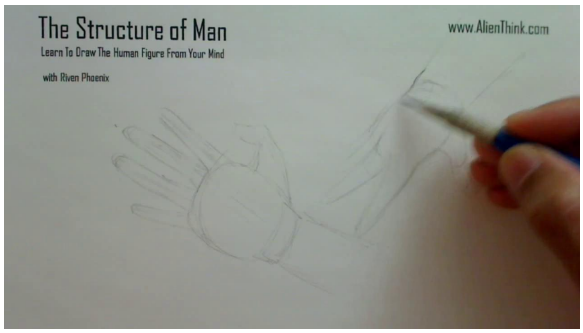
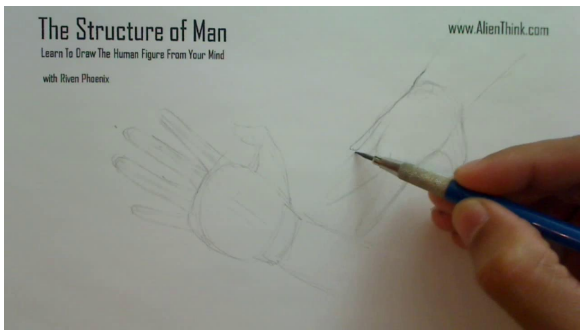
69		We're going to have a space here for another hand.
70		Okay, so I mean, if I get this, I already know that right, I'm going to get the idea for
71		the all now over here and I'm just going to get, start to get my hand over here and
72		then I'm going to work it out, right?

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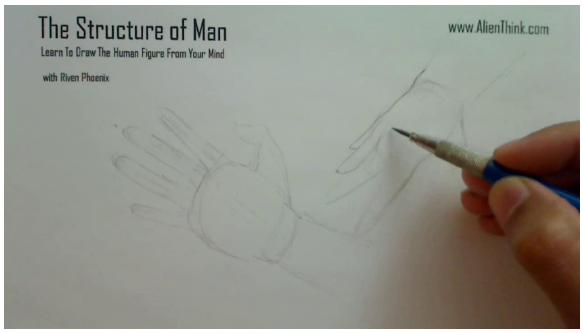
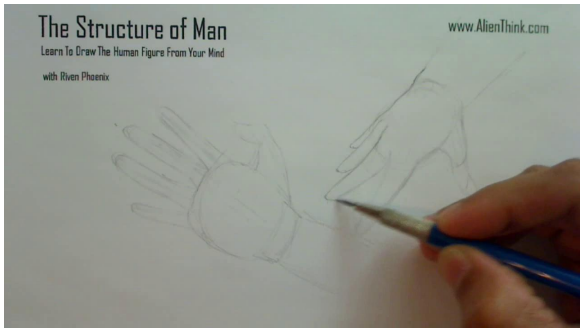
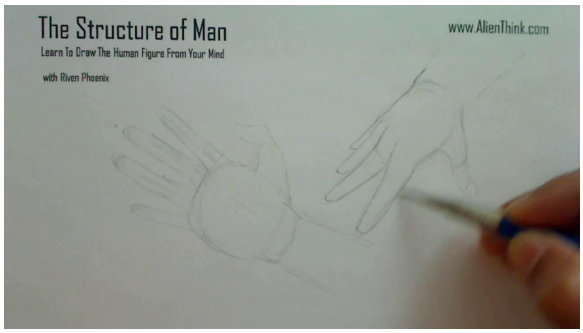
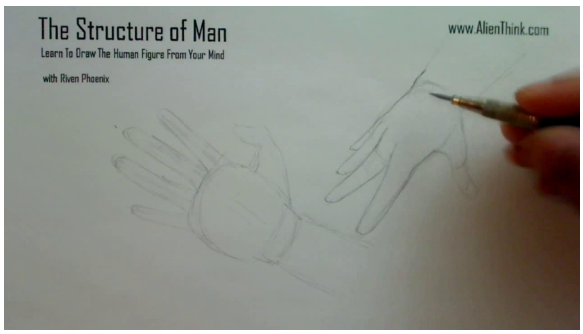
73		You've got to just work it out with the shapes that you've put down and just start to
74		think about all the things that are supposed to be here, right?
75		And then over here we know that right and I can put all the details here, knowing that
76		right, over here I know that it's going to connect like this, under it I'm going to

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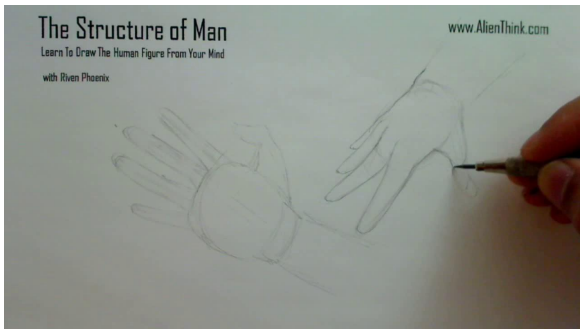
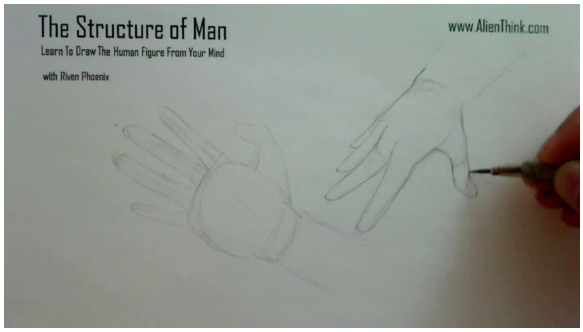
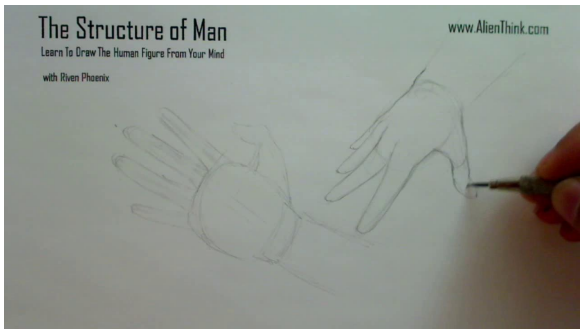
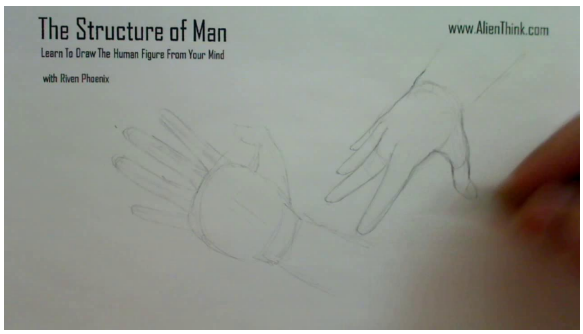
77		get like that idea here, and then over here I'm going to start to get my hand over here
78		just like this, right?
79		So I can just draw out some of the ideas here and start to make it much more and more
80		realistic looking, right?

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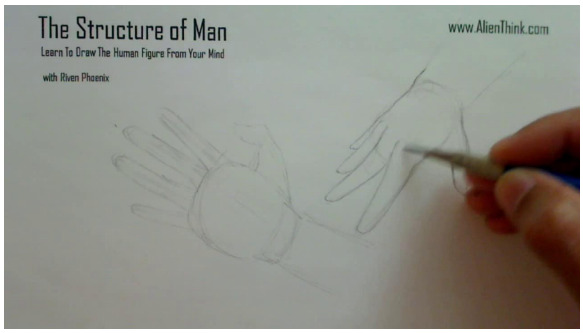
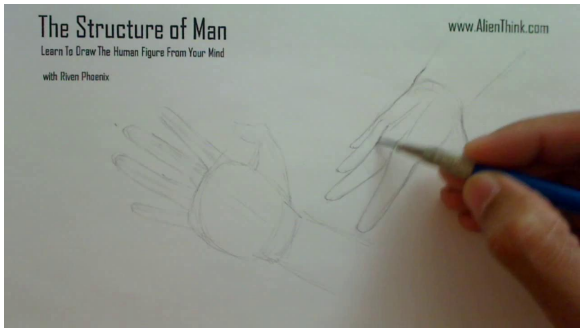
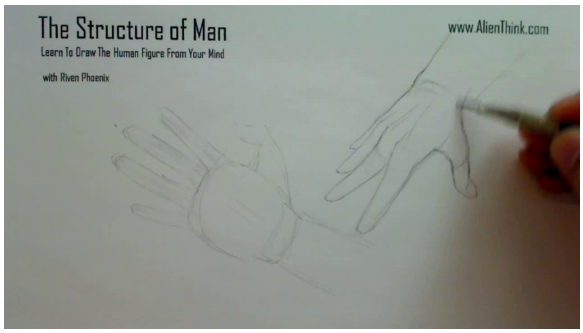
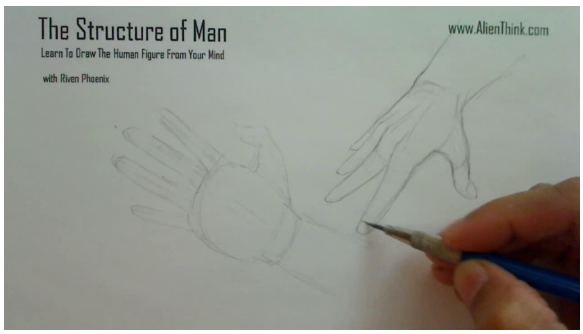
81		So this is like a much more simple way of looking at it, but here we're not going to really
82		render this because we just need to look at the idea here, right?
83		So you know that right, I'm going to get like this over here and I can modify the ideas
84		that I'm going to get my fingernails over here, this is the easy part, right?

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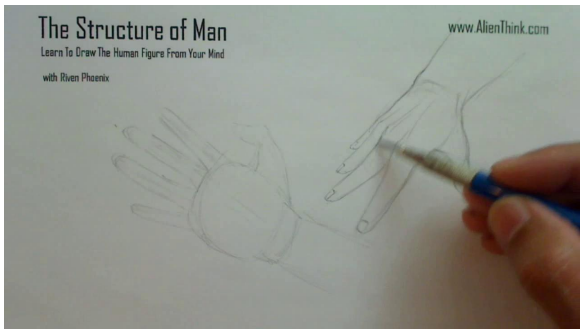
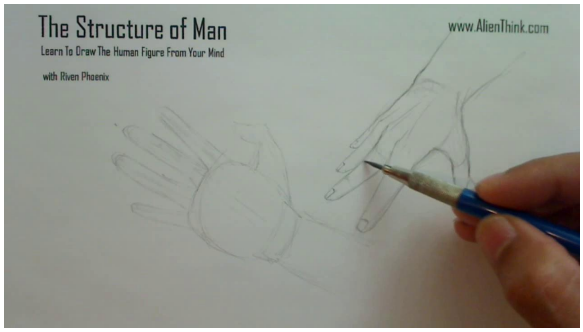
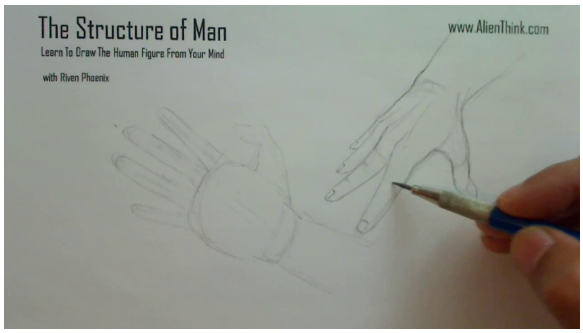
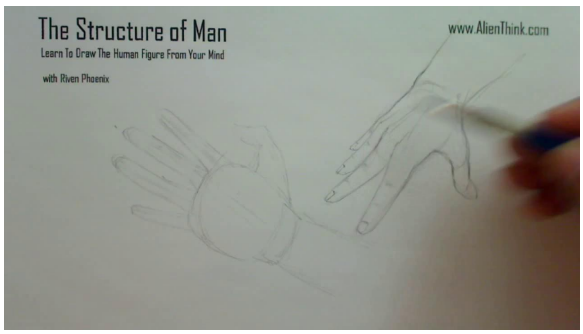
85		And then then we know that okay, well how is this going to be defined over here is just
86		look at the studies that you did, right?
87		You know that right, I'm going to get simply these lines over here and then my hand will
88		start to become more and more realistic, right?

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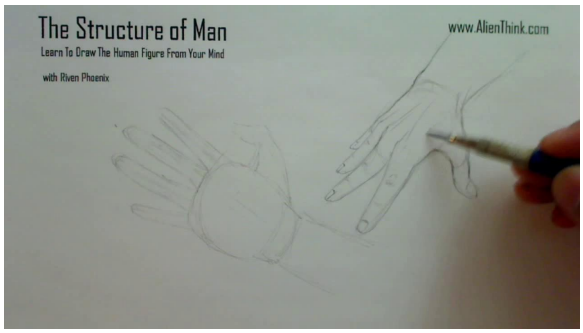
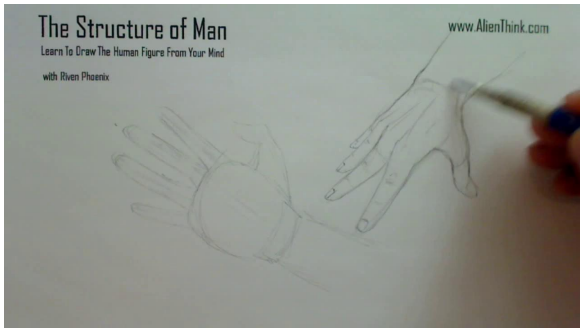
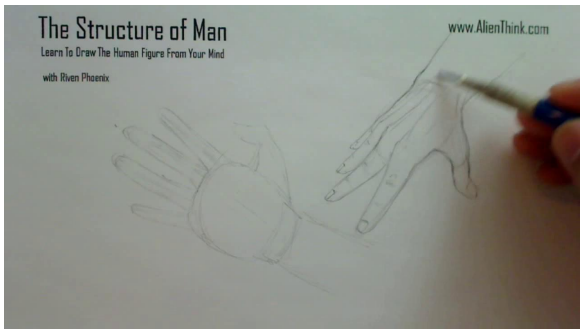
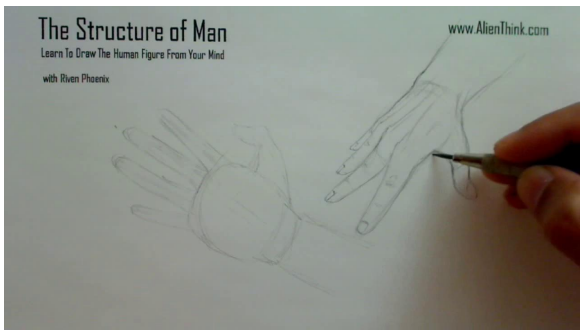
89		I can even put this over here, you know that right?
90		This is just going back into the wrist, over here, right?
91		All of these muscles are just going to, these pulley systems really are the key to getting
92		this, just understanding that that's the pulley system, any hair or stuff to you, we can

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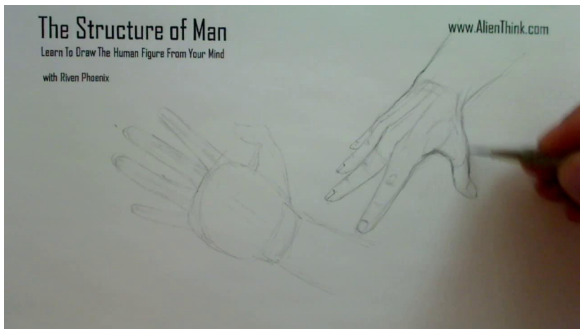
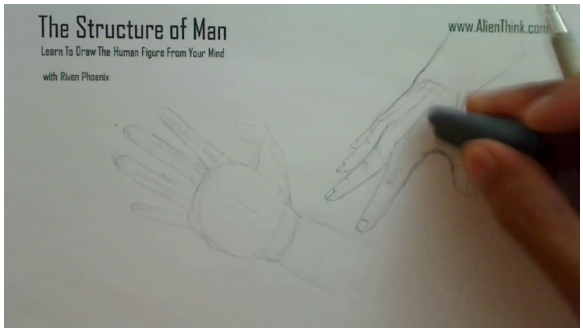
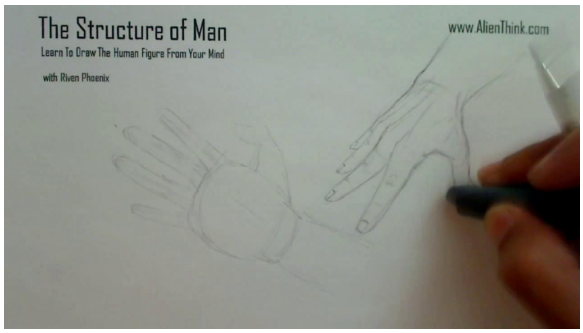
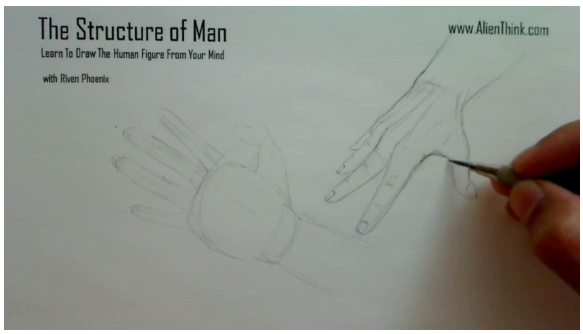
93		just make, you know, the more lines I throw on here, the more realistic it's just going
94		to get, right?
95		So I'm just showing you in outline form, how easy that's going to be, and you always have
96		your hand in front of you available for the surface anatomy, right?

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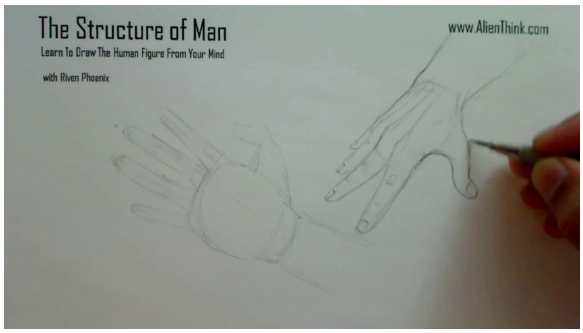
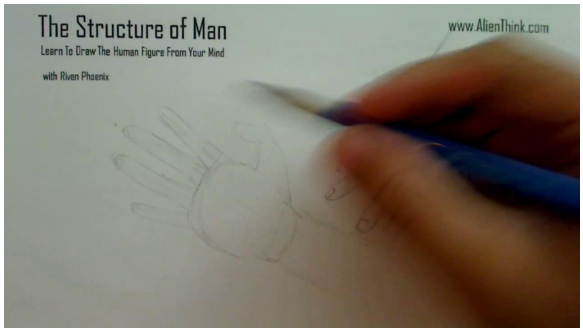
97		But conceptually you can see how easy it is to draw out the hands, right?
98		Then over here we already know how this is going to work out, right?
99		We already talked about this, right?
100		You're basically just going to get the system like this over here and I can just decide

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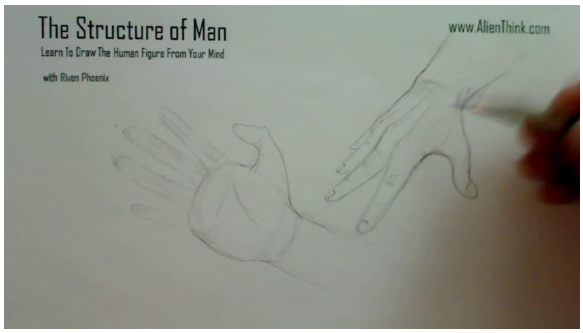
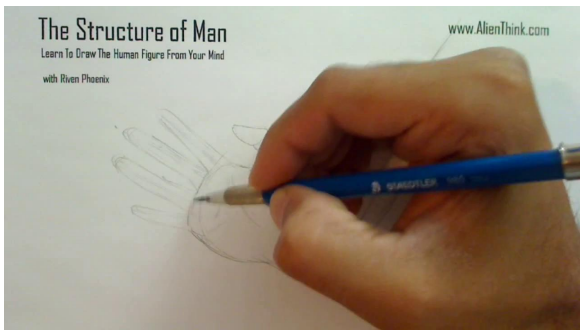
101		okay, where is this really, which idea is this going towards, right?
102		Over here, that we know they're right, we're going to get a muscle over here and it's going
103		to be like this, for every can see them on the other side, and it's very simple, we
104		already know they're right, I'm going to get almost like this web system over here,

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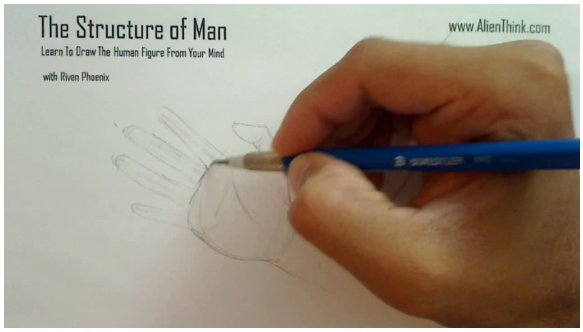
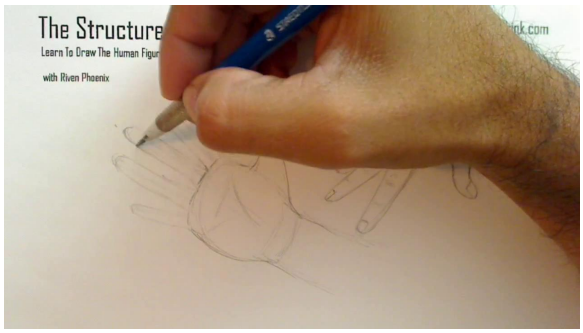
105		right?
106		It's just going to be like this over here, like this and here I'm going to now start
107		to draw out the hand and I know that where the division is really for how the fingers
108		are, we can start to do it this way over here, right?

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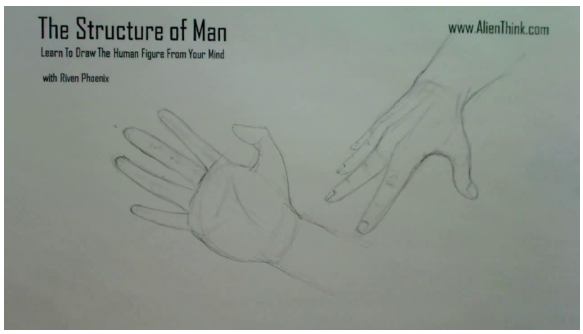
109		Start to put in some of the bumps, simply just like this, right?
110		Very easy to draw out the hands and again, if you're trying to figure out for yourself
111		okay, well, I don't understand, let's say, how do I draw a hand holding a glass or let's
112		say a coffee cup?

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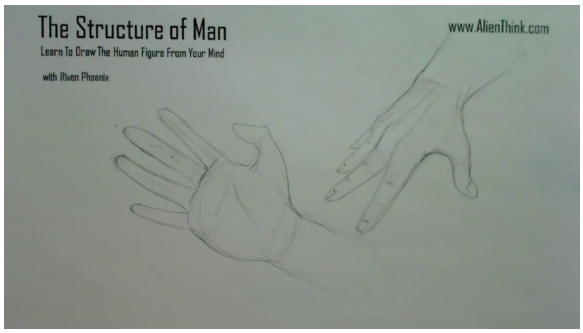
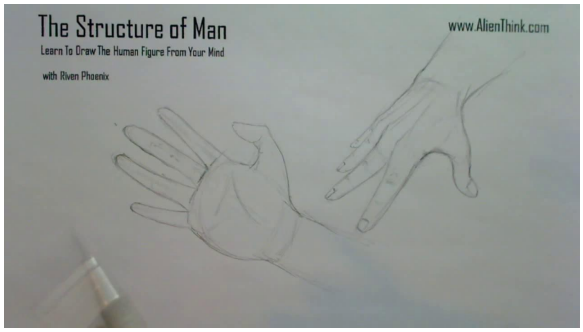
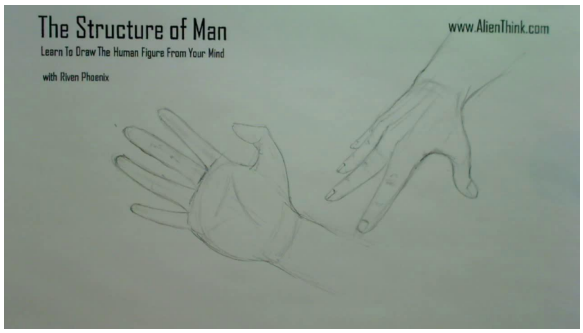
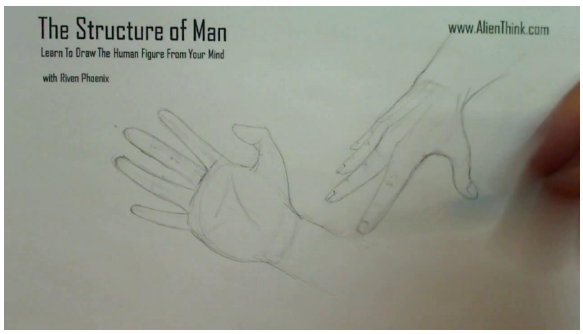
113		Well, that is the thing about life drawing and conceptual drawing.
114		There's going to be things that you just have to either photograph and really analyze
115		them and once you draw it out, you begin to understand conceptually how you can do it
116		again, right?

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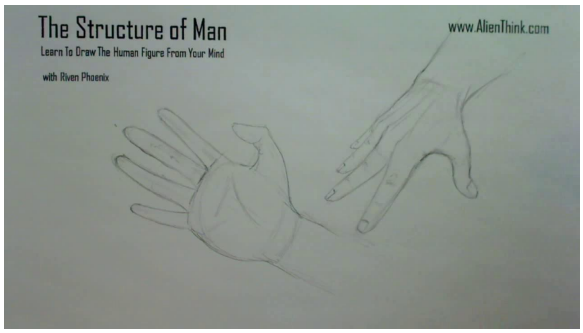
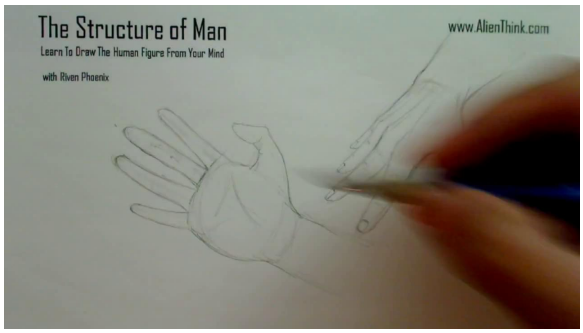
117		That's what happens to, that's what happens in sequential art is that you end up doing
118		a lot of research in understanding how to draw out things in your illustration and then
119		once it's done, you begin to pick up those ideas, right?
120		So just like we did over here, see like this one over here, we turn it around, we can

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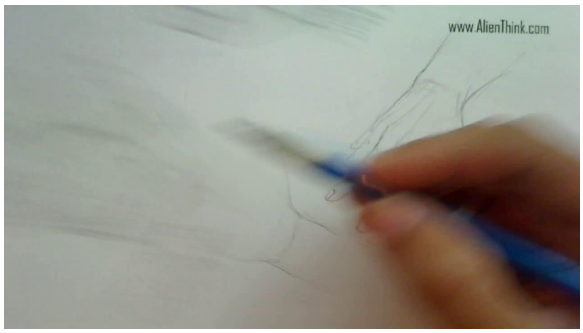
121		start to see, okay, well, I understand, I'm going to learn from this and start to put
122		my ideas in as to how this is supposed to be and we're only going to get like one line
123		over here, two lines here and this and then over here, I know it's going to come down
124		a bit over here, one line over here and over there and over here is going to be, this

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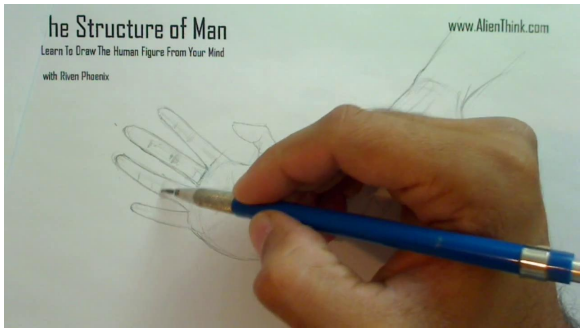
125		one is going to be shorter like this over here that I'm going to get like one line over
126		there or something, right?
127		And then you can just work on this all day long putting more and more ideas together,
128		you know that okay, I'll get like some lines over here like this for the, for the hand

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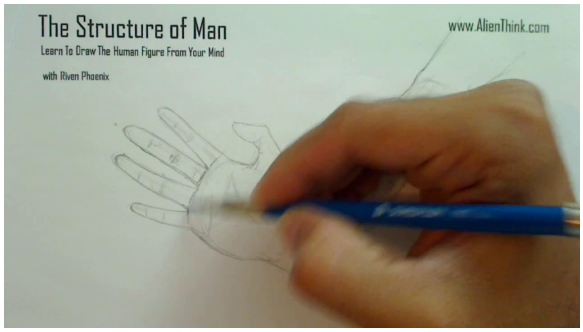
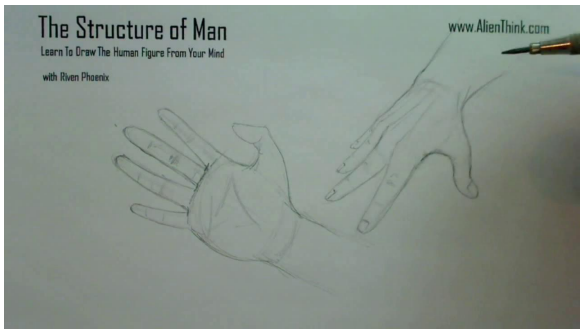
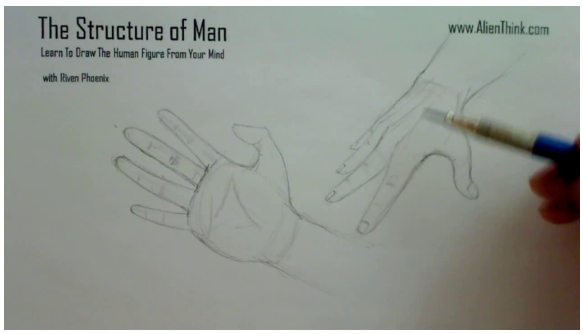
129		then, right, it's just basically the same concepts repeating over and over again, right?
130		So here we can get, start to add more detail about these ideas, right?
131		So what I'm showing you is that because we went through that extensive understanding of
132		the hand, everything is much more easier for the mind to comprehend the concept of the

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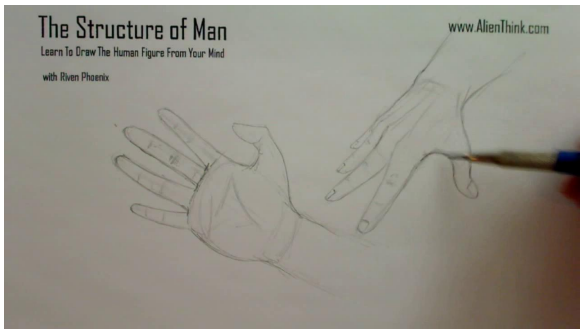
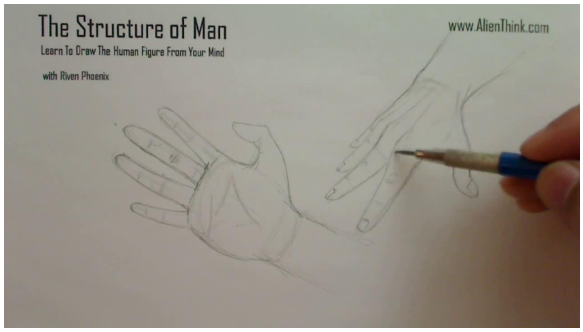
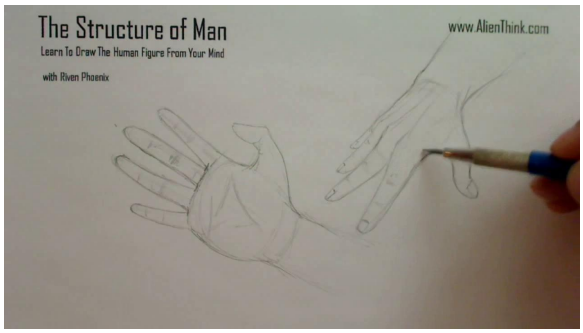
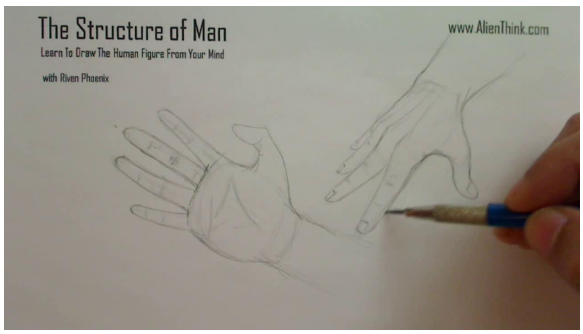
133		hand is because we went through the historical understanding of how the hand was put together.
134		You know that the pulley systems go in here, right, so you can even put those, you understand
135		how the pulley systems are coming in and out, right?
136		And then all of this stuff here, the rest of the details like making this over here and

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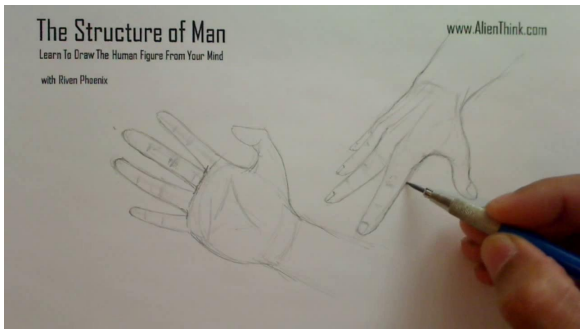
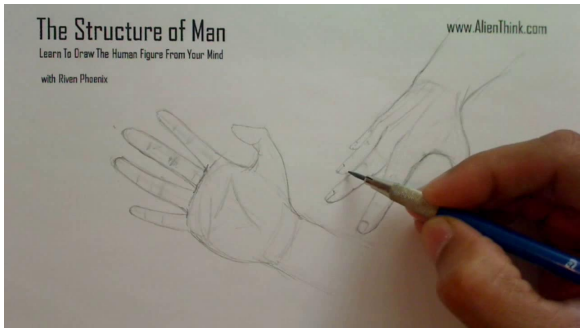
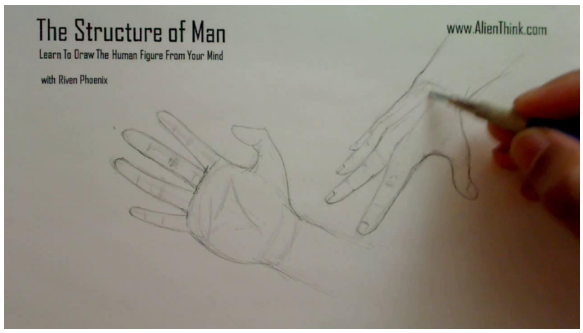
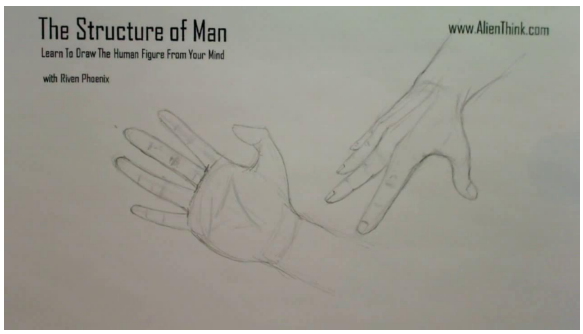
137		doing this thing over here like this, like these ideas here is just going to make it more
138		and more realistic, okay?
139		And that's really it to understanding hands, it was really that difficult, okay, so I'll
140		see you in the next lesson, thanks.

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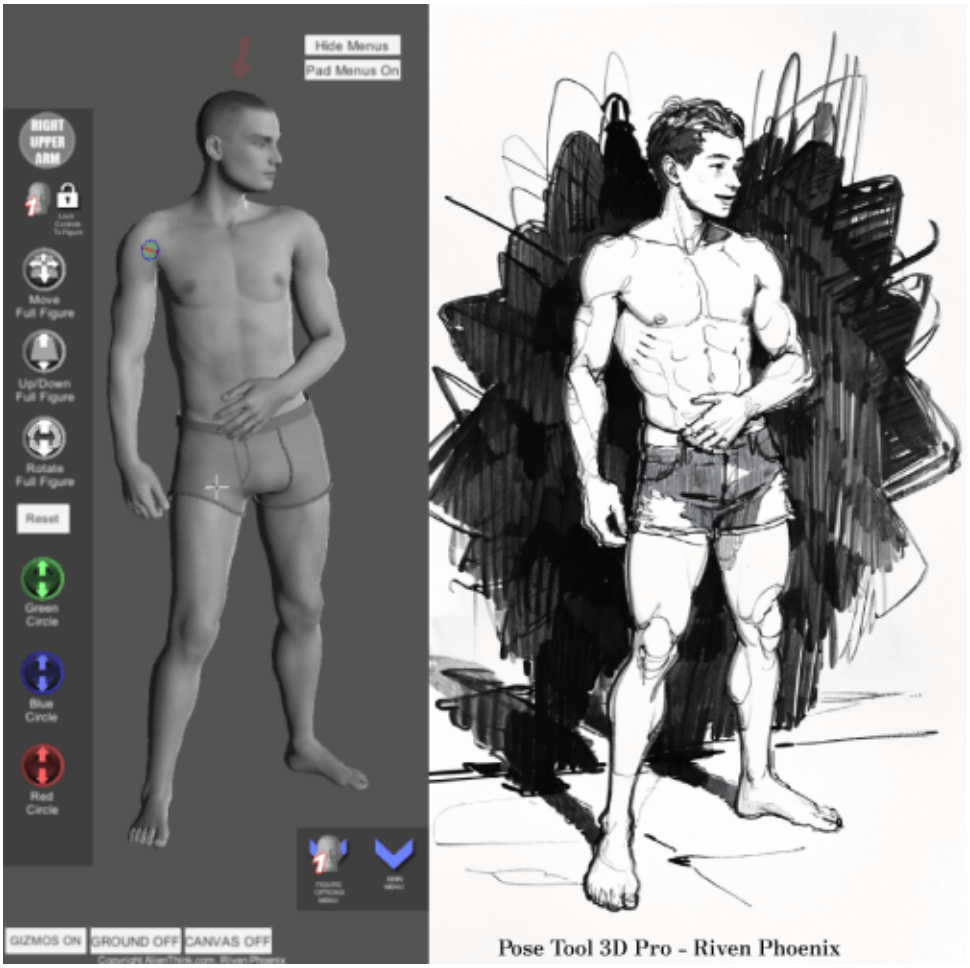

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